US ERA ARCHIVE DOCUMENT

November 11, 2014

S.S. BADGER LAKE MICHIGAN CARFERRY

VIA FIRST CLASS U.S. MAIL

Chief, Environmental Enforcement Section Environment and Natural Resources Division U.S. Department of Justice P.O. Box 7611, Ben Franklin Station Washington, DC 20044-7611

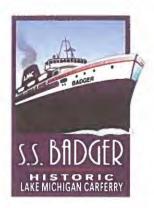
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Re: United States v. Lake Michigan Trans-Lake Shortcut, Inc., d/b/a Lake Michigan Carferry Service and S.S. Badger, No. 1:13-cv-317, DOJ Case No. 90-5-1-1-10771 (W.D. Mich.)

Dear Sir or Madam:

The attached document constitutes the report required by Paragraph 43C of the Amended Consent Decree in *United States v. Lake Michigan Trans-Lake Shortcut, Inc., d/b/a Lake Michigan Carferry Service and S.S. Badger*, Civil Action No. 13-00317 (W.D. Mich. entered into Oct. 10, 2013). It reports the number of trips the Badger made between Manitowoc and Ludington, an estimate of the average amount of coal used to operate the Badger, and an estimate of the average amount of coal ash discharged for each day of operation in October 2014. As you know, Paragraph 43C of the Amended Consent Decree requires that we use the *2013* average daily coal use and *2014* average ash content of the coal supply. As a result, this figure does not reflect current ash generation or discharge levels and is used only to meet the reporting requirements of Paragraph 43C. It may not be used for determining compliance with any other provision of the Consent Decree, including Appendix B.



Please do not hesitate to contact me if you have questions or require additional information.

Very truly yours,

Charles R. Leonard

Vice-President, Navigation

Lake Michigan Carferry Service

Attachment

Lake Michigan Carferry Service/ Civil Action No. 1:13-cv-317JTN Amendment to Consent Decree Reporting Requirements; Paragraph 43C Ash Discharge Report for October 2014

The daily coal combusted and ash discharged was estimated using the 2013 average daily coal use and the average coal ash content of the coal used in 2014 as required by the Amended Consent Decree. The lab analysis of coal purchased for use during the 2014 Operating Season can be found attached to our April 9, 2014 and September 22, 2014 submissions. Per Paragraph 43C of the Amended Consent Decree, this calculation shall only be used for compliance with Paragraph 43C, and shall not be used for purposes of complying with any other provision of the Consent Decree, including Appendix B. In particular, these estimated figures do not reflect the actual amount of coal ash discharged, nor the amounts of chemical constituents, if any, contained in the ash. The most recent figures that describe and analyze the actual amount of coal ash discharged and its constituents, as compared to other sources on Lake Michigan, can be found at

http://www.epa.gov/region5/water/npdestek/badger/pdfs/application/badger-app-cc.pdf.

		2013 Coal Usage	Weighted Avg.	Avg. Est. Coal
Date Sailed		Per Day	Coal Ash Content	Ash Discharge
10/1/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/2/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/3/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/4/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/5/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/6/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/7/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/8/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/9/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/10/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/11/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/12/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/13/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/14/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/15/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/16/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/17/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/18/2014	0 RT	60.1 NT	5.77%	3.47 NT
10/19/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/20/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/21/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/22/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/23/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/24/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/25/2014	1 RT	60.1 NT	5.77%	3.47 NT
10/26/2014	1 RT	60.1 NT	5.77%	3.47 NT

Lake Michigan Carferry Service/ Civil Action No. 1:13-cv-317JTN Amendment to Consent Decree Reporting Requirements; Paragraph 43C Ash Discharge Report for October 2014

 Beginning Inv.
 200 NT*
 Utilized
 200 NT
 5.77% Ash

 Purchases
 1150 NT*
 Utilized
 850 NT
 5.77% Ash

Total Utilized 1050.00 NT

Ending Inv. 300 NT Est.*

RT = Round Trip NT = Net Ton Est. = Estimate Inv. = Inventory Vessel Travels Between Ludington, MI and Manitowoc, WI

^{*} These figures are and have been estimated based on visual inspections and billing statements from LMC's coal supplier and will be reconciled at the end of the year.